Given the two positions


Select two points A B on the moving plane and determine the
1 homologous points ( $\mathrm{A}_{1}, \mathrm{~A}_{2}$ and $\mathrm{B}_{1}, \mathrm{~B}_{2}$ ), draw the perpendicular bisectors and select $A_{0}, B_{0}$ on the perpendicular bisectors.

You cannot move the rigid body in between the two given positions without disconnecting one of the joints and assembling in cross form




